Met Office Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Sunday 31 Dec 2023 until 23:59 on Monday 01 Jan 2024

Forecast Issued on Sunday 31 Dec 2023 at 00:54

Confidence: A period of colder conditions with showers most days and some sleet or snow likely on the higher tops. Windy at times. Lower confidence in amount of showers and freezing level for each day over New Year.

Headline for Sunday 31 Dec 2023: Dry start but cold, showery later, showers wintery on the highest tops only, strong Southerly winds, feeling bitterly cold at height.

Mountain weather hazards on Sunday 31 Dec 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Sunny intervals	Sunny intervals	Cloudy	Sleet showers	Sleet showers	Sleet showers
Precipitation probability					
20%	20%	20%	70%	70%	70%

Forecast for Sunday 31 Dec 2023

Weather: Drier though the morning with some sunny intervals. Clouding over later, showers becoming frequent and heavy in the afternoon. Showers falling as rain but perhaps sleet or snow at the top of Whernside. Strong winds accompanying the showers will make it feel bitterly cold.

Chance of cloud-free hill tops above 600m: 40%, low cloud in association with showers throughout the day.

Low Cloud and visibility: Layers of scattered or broken cloud above 500m throughout the day, cloud will lift at times, perhaps more chance around northern hills. Visibility will be good outwith showers but dipping moderate as showers pass through, perhaps poor or whiteout conditions on the highest summits in sleet showers.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Mountain Weather Forecast

Forecast for Sunday 31 Dec 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	15/22 S	16/23 S	17/24 S	16/22 S	13/19 SW	15/22 W	16/23 W
300	9/19 S	10/21 S	11/22 S	10/20 S	7/15 SW	10/21 W	11/23 W
Valley	7/20 SE	10/24 SE	11/23 S	9/20 S	9/19 SW	8/18 SW	8/19 W

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	2/-3	2/-4	2/-3	2/-3	2/-3	2/-3	2/-3
300	4/0	4/-0	4/0	4/1	4/1	4/0	4/0
Valley	5/2	5/1	6/3	6/3	5/2	5/3	5/2
Freezing Level*	900m	900m	1000m	1000m	900m	1000m	900m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Freezing level above the summits, with showers turning to sleet just below, feeling bitterly cold in strong winds and showers.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Sun 31 Dec 2023	18mm	37mm	58.6mm

Forecast for Monday 01 Jan 2024

Weather: Showers during the morning but some bright spells developing, showers wintery above 700m. Mostly dry through the afternoon with some winter sunshine breaking through, cloudier by late afternoon and evening.

Maximum wind: West or Southwesterly 20mph gusts 30mph.

Chance of cloud-free hill tops above 600m: 70%, low cloud will gather around the summits in showers in the morning, improving to 90% in the afternoon.

Low Cloud and visibility: Patchy cloud becoming scattered and lowering to 500m in morning showers with visibility turning moderate for a time. During the afternoon only patchy cloud above 600m and visibility mostly good or very good.

Temperature: **Valleys:** Plus 3 rising to 7 Celsius.
At 600m: Plus 1 Celsius
Freezing level: 700m

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